

U.S. Serial No. 10/089,959
Attorney Docket No. DE000238
Page 2 of 7

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) An interface-control protocol method for a radio system which has at least one common frequency band that is provided for alternate use by a first and a second radio interface standard, the radio system comprising:

stations which operate in accordance with a first radio interface standard and/or a second radio interface standard, and
a control station which controls the alternate use of the frequency band,

wherein the control station controls the access to the common frequency band for stations working in accordance with the first radio interface standard and renders the frequency band available for access by the stations working in accordance with the second radio interface standard if stations working in accordance with the first radio interface standard do not request access to the frequency band.

2. (Cancelled).

3. (Previously presented) The method as claimed in claim 1, wherein the control station determines the respective duration in which the stations working in accordance with the second radio interface standard are allowed to utilize the frequency band.

N:\UserPublic\GR\DE\DE000238_amd_11-18-05.doc²

U.S. Serial No. 10/089,959
Attorney Docket No. DE000238
Page 3 of 7

4. (Previously presented) The method as claimed in claim 1, wherein the control station sends a broadcast signal informing the stations of a time duration in which the common frequency band can be used by stations working in accordance with the second radio interface standard.

5. (Previously presented) The method as claimed in claim 3, wherein the duration of operation in accordance with the first and second radio interface standards is laid down only approximately while the respective standards are violated regularly or from time to time.

6. (Currently amended) ~~The method as claimed in claim 1~~An interface-control protocol method for a radio system which has at least one common frequency band that is provided for alternate use by a first and a second radio interface standard, the radio system comprising:

stations which operate in accordance with a first radio interface standard and/or a second radio interface standard, and
a control station which controls the alternate use of the frequency band,

wherein the control station terminates the use of the radio interface in accordance with the second radio interface standard by transmitting in accordance with the first radio interface standard, without taking account of resulting interference in stations working in accordance with the second radio interface

N:\UserPublic\GR\DE\DE000238_and_11-18-05.doc²

U.S. Serial No. 10/089,959
Attorney Docket No. DE000238
Page 4 of 7

standard.

7. (Currently amended) ~~The method as claimed in claim 1~~An interface-control protocol method for a radio system which has at least one common frequency band that is provided for alternate use by a first and a second radio interface standard, the radio system comprising:

stations which operate in accordance with a first radio interface standard and/or a second radio interface standard, and
a control station which controls the alternate use of the frequency band,

wherein the control station controls the access to the common frequency band by stations working in accordance with the first radio interface standard and in that duration and type of control of the radio interface in accordance with the second radio interface standard is determined by a further station and transmitted to the control station.

N:\UserPublic\GR\DE\DE000238_and_11-18-05.doc⁴

U.S. Serial No. 10/089,959
Attorney Docket No. DE000238
Page 5 of 7

8. (Currently amended) ~~The method as claimed in claim 1~~An interface-control protocol method for a radio system which has at least one common frequency band that is provided for alternate use by a first and a second radio interface standard, the radio system comprising:

stations which operate in accordance with a first radio interface standard and/or a second radio interface standard, and
a control station which controls the alternate use of the frequency band,

wherein the control station, in addition to functions in accordance with the second radio interface standard, also carries out functions which cause radio systems in accordance with the second radio interface standard to interpret the radio channel as interfered and to seize another radio channel for its own operation.

9. (Previously presented) The method as claimed in claim 1, wherein the control station also carries out functions which cause radio systems in accordance with the first radio interface standard to interpret the radio channel as interfered and to seize another radio channel for its own operation.

N:\UserPublic\GR\DE\DE000238_amd_11-18-05.doc⁵

U.S. Serial No. 10/089,959
Attorney Docket No. DE000238
Page 6 of 7

10. (Currently amended) A wireless network comprising at least one common frequency band provided for alternate use by a first and a second radio interface standard, the wireless network comprising:

stations which work in accordance with a first radio interface standard and/or in accordance with a second radio interface standard, and

a control station which controls the alternate use of the common frequency band,

wherein the control station controls the access to the common frequency band for stations working in accordance with the first radio interface standard and renders the frequency band available for access by the stations working in accordance with the second radio interface standard if stations working in accordance with the first radio interface standard do not request access to the frequency band.

11. (Cancelled).

N:\UserPublic\GR\DE\DE000238_and_11-18-05.doc